

Patent Application Of  
Diahann Grasty  
411 Bill Smith Blvd. King of Prussia PA  
19406

## **SPECIFICATION**

### **TITLE OF INVENTION**

Studio Console

### **CROSS-REFERENCE TO RELATED APPLICATION**

- 1.
- 2.
- 3.
- 4.
- 5.

### **STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT**

DCED Grants nonexclusive licenses on approximately 1,500 doe owned U.S. Patent and 500 DOE owned foreign Patents to U.S. Citizens and corporations. Individual firms, or corporations with satisfactory plans for development and or marketing of the invention.

### **REFERENCE TO A MICROFICHE APPENDIS**

Not Applicable

### **BACKGROUND OF THE INVENTION**

THIS INVENTION RELATES TO A STUDIO CONSOLE FOR PRODUCING RADIO QUALITY MUSIC. TO BE ABLE TO DISTINQUISH MIDI FROM AUDIO AND TO SEPARATE EACH NOTE, SEQUENCES, BRIDGES AND DIFFERENT INSTRUMENTS AND HAVE THE CAPABILITY OF CHANGING NOTES INTO VARIOUS INSTRUMENTS.

THE OBJECT OF THE PRESENT INVENTION IS TO PROVIDE RADIO QUALITY COMPACT DISC, WHICH WILL ALLOW 15 APPLIATIONS AND THE CAPABILITY TO PROGRAM OTHER APPLICATIONS IF NECESSARY, THIS SYSTEM WILL HAVE THE ABILITY TO PRODUCE COMPACT DISC AT THE COMPLETION OF EACH SESSION IF DEEMED NECESSARY BY THE USER. THIS SYSTEM WILL HAVE THE CAPABILITY OF ANALOG AND DIGITAL RECORDING AS WELL AS KEEPING TRACK OF VARIOUS SEQUENCES OF MUSIC.

THE STUDIO CONSOLE WILL ALLOW MUSIC AND SCORES, SEQUENCES ETC. TO BE PRINTED AS WELL AS LYRICS ACCORDING TO THE MUSIC THAT IS INPUT INTO THE SYSTEM. THE SYSTEM WILL GIVE FEEDBACK ACCORDING TO THE NORMAL FOR ANY TYPE OF MUSIC THAT IS ENTERED INTO THE SYSTEM. THIS SYSTEM WILL BE ABLE TO DISTINQUISH THE INSTRUMENTS THAT ARE PLAYED IN EACH EACH SEQUENCE ONCE IT IS PROGRAMMED TO DO SO. THIS SYSTEM WILL ABLE TO GIVE DIFFERENT LEVELS OF HARMONIS AND NOTE CORRECTION WHICH IS CONSIDERED TO BE A VOICE PROCESSOR AS WELL AS NOTE AND EFFECTS PROCESSOR.

VOLTAGE AND ACCURATE RETURNS WILL ALSO HELP THE BUYER KEEP ACCURATE  
INVENTORY AND HELP TO TRACK PROFIT AND LOSS REPORTS.

United States Department of Commerce  
Patent and Trademark Office  
Assistant Secretary of Commerce and  
Commissioner of Patents and Trademarks  
Washington, DC 20231

To the Commissioner of Patent and Trademark:

Your petitioner, Diahann Grasty, a citizen of the United States and a resident of King of Prussia, Pa 19406 prays that letters patent may be granted for a Provisional Application for a Studio Console, as set forth in the following specification.

"The undersigned, being the inventor of the disclosed invention, requests that the denclosed papers be accepted under the Provisional program and are preserved for a period of one year."

Signature   
Diahann Grasty